NAME OF WORK : CONSTRUCTION OF COMPOUND WALL AND OTHER ALLIED WORKS AT JUDICIAL LAYOUT PLAY GROUND IN WARD NO.04

Quality Control Reports

First and Part Bill

BOOK NO-01

QC ABSTRACT

AME OF WORK: Construction of Compound wall and other allied works at judicial layout play ground in ard No.04

NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	Cement	Fineness by dry sieving	One Test		1	1
		Finess by Air permeablity method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
3	Coarse aggregate(20 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	PCC(M20)	Compressive Strength(7days and 28days)	2 set /6-15 cum	12.15	4	4
7	RCC(M25)	Compressive Strength(7days and 28days)	19 set /750-800 cum	769.95	36	36

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2021-12-23-22** **Date: 16-08-21**
Project Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
Agency	:	Sri B B Umesha M/s SMLP Asphalts, No.1265, Ground Floor, IIIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22
Date of Receipt	:	12-08-21
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 (Part 1,2 3,4,5, 6,11) 1988 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6
Date of test	:	13-08-21
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.65	–
2	Finess by Air permeablity method (m^2/kg.Min)	289.5	225m^2/kg. Min
3	Density (gm/cc)	3.14	–
4	Standard Consistency (%)	28.0%	Not specified
5	Initial Setting time	175 minutes	Not less than 30 minutes
6	Final Setting time	275 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1mm	Not more than 10 mm

• The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2021-12-23-22** **Date: 14-08-21**
Project Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
Agency	:	Sri.B B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
Customer Reference	:	BBMP/EE/YNK D/EPMT-8/W.O/40/2021-22
Date of Receipt	:	12-08-21
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	12-08-21

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	237	237	4.7	95.3	90-100
3	10 mm	3053	3290	65.8	34.2	25-55
4	4.75 mm	1537	4827	96.5	3.5	0-10
5	Pan	173	5000	100	0	–

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

CIVIL Pro Sig..... Date..... BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID : **CP-2021-12-23-22** **Date: 14-08-21**

Project Name : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

Agency : Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

Date of Receipt : 12-08-21

Sample Type : Index

Reference to BIS codes : IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.

Date of test: : 13-08-21

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Index	Fe500	10	0.612	508	615	20.5%	Satisfactory	Satisfactory
2	Index	Fe500	12	0.888	512	632	20.5%	Satisfactory	Satisfactory
3	Index	Fe500	16	1.581	528	648	20.0%	Satisfactory	Satisfactory
4	Index	Fe500	20	2.476	544	668	20.0%	Satisfactory	Satisfactory
5	Index	Fe500	25	3.472	587	712	18.5%	Satisfactory	Satisfactory

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL| ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/11/2021

ıb ID	:	CP-2021-12-23-22
oject Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
gency	:	Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
ıstomer's Reference	:	BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22
ıte of Receipt	:	08-10-21
ıstomer ID	:	Retaining Wall Base Concrete (Northern Side)
mple Type /Size	:	150X150X150 mm
mple grade/Age	:	M25 / 28 Days Compressive Strength
eference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
ıte of test	:	03/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Retaining Wall Base Concrete (Northern Side)	M25	06/10/2021	03/11/2021	149.86 X 151.47 X 150.33	22699	8.175	637.9	28.1	28.2
2	Retaining Wall Base Concrete (Northern Side)	M25	06/10/2021	03/11/2021	150.49 X 150.33 X 149.87	22623	8.162	644.8	28.5	
3	Retaining Wall Base Concrete (Northern Side)	M25	06/10/2021	03/11/2021	150.28 X 150.77 X 150.98	22658	8.179	632.2	27.9	

* The results obtained are satisfactory as per standard requirements.

04

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 20/10/2021

b ID : CP-2021-12-23-22

oject Name : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

ency : Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

stomer's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

te of Receipt : 16-10-21

stomer ID : Retaining Wall Base Concrete (Northern Side)

mple Type /Size : 150X150X150 mm

mple grade/Age : M25 / 7 Days Compressive Strength

ference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

te of test : 20/10/2021

l. o.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Retaining Wall Base Concrete (Northern Side)	M25	13/10/2021	20/10/2021	150.11 X 149.48 X 151.35	22438	8.175	491.4	21.9	22.0
2	Retaining Wall Base Concrete (Northern Side)	M25	13/10/2021	20/10/2021	150.44 X 149.87 X 150.34	22546	8.163	502.8	22.3	
3	Retaining Wall Base Concrete (Northern Side)	M25	13/10/2021	20/10/2021	150.66 X 150.49 X 149.54	22673	8.155	494.3	21.8	

The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/10/2021

b ID : CP-2021-12-23-22

ject Name : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

ency : Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

stomer's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

te of Receipt : 20-10-21

stomer ID : Retaining Wall Concrete(Northern Side)

mple Type /Size : 150X150X150 mm

mple grade/Age : M25 / 7 Days Compressive Strength

ference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

te of test : 25/10/2021

L. o.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Retaining Wall Concrete(Northern Side)	M25	18/10/2021	25/10/2021	151.47 X 149.33 X 151.94	22619	8.290	486.3	21.5	21.9
2	Retaining Wall Concrete(Northern Side)	M25	18/10/2021	25/10/2021	151.52 X 151.80 X 151.57	23001	8.583	519.8	22.6	
3	Retaining Wall Concrete(Northern Side)	M25	18/10/2021	25/10/2021	149.92 X 150.17 X 150.83	22513	8.084	488.5	21.7	

The results obtained are satisfactory as per standard requirements.

04

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK-RECHAN
Authorized Signatory
Quality Manager

Page 1/1

****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/11/2021

ID	:	CP-2021-12-23-22
ject Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
ncy	:	Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
tomer's Reference	:	BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22
e of Receipt	:	29-10-21
tomer ID	:	Retaining Wall Base Concrete(Eastern Side)
ıple Type /Size	:	150X150X150 mm
ıple grade/Age	:	M25 / 7 Days Compressive Strength
erence to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
e of test	:	03/11/2021

.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
	Retaining Wall Base Concrete(Eastern Side)	M25	27/10/2021	03/11/2021	149.58 X 150.94 X 149.52	22578	8.221	538.0	23.8	23.4
	Retaining Wall Base Concrete(Eastern Side)	M25	27/10/2021	03/11/2021	149.07 X 150.46 X 151.61	22429	8.556	522.2	23.3	
	Retaining Wall Base Concrete(Eastern Side)	M25	27/10/2021	03/11/2021	151.42 X 149.93 X 149.93	22702	8.269	523.7	23.1	

The results obtained are satisfactory as per standard requirements.

04

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 06/11/2021

ID	:	CP-2021-12-23-22
ject Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
ncy	:	Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
tomer's Reference	:	BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22
e of Receipt	:	02-11-21
tomer ID	:	Retaining Wall Base Concrete(Eastern Side)
ıple Type /Size	:	150X150X150 mm
ıple grade/Age	:	M25 / 7 Days Compressive Strength
erence to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
e of test	:	06/11/2021

.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
	Retaining Wall Base Concrete(Eastern Side)	M25	30/10/2021	06/11/2021	150.29 X 149.18 X 148.57	22420	8.197	517.9	23.1	22.8
2	Retaining Wall Base Concrete(Eastern Side)	M25	30/10/2021	06/11/2021	151.91 X 150.27 X 150.16	22828	8.154	513.6	22.5	
3	Retaining Wall Base Concrete(Eastern Side)	M25	30/10/2021	06/11/2021	149.79 X 150.28 X 149.28	22510	8.023	511.0	22.7	

The results obtained are satisfactory as per standard requirements.

04

FOR CIVIL Pro.

CIVIL Pro Sig ..... Date ..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

ID	:	CP-2021-12-23-22
ject Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
ncy	:	Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
tomer's Reference	:	BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22
te of Receipt	:	06-11-21
tomer ID	:	Retaining Wall Concrete(Eastern Side)
mple Type /Size	:	150X150X150 mm
mple grade/Age	:	M25 / 28 Days Compressive Strength
ference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
te of test	:	01/12/2021

Date: 01/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Concrete(Eastern Side)	M25	03/11/2021	01/12/2021	149.47 X 151.06 X 150.34	22578	8.550	636.7	28.2	28.0
Retaining Wall Concrete(Eastern Side)	M25	03/11/2021	01/12/2021	151.36 X 150.44 X 149.13	22769	8.557	633.0	27.8	
Retaining Wall Concrete(Eastern Side)	M25	03/11/2021	01/12/2021	150.99 X 151.95 X 150.79	22942	8.277	644.7	28.1	

The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-12-23-22 **Date: 12/12/2021**

ame : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

: Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

r's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

Receipt : 16-11-21

r ID : Retaining Wall Base Concrete(Eastern Side)

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

test : 12/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Base Concrete(Eastern Side)	M25	14/11/2021	12/12/2021	149.11 X 150.24 X 150.47	22402	8.165	618.3	27.6	27.6
Retaining Wall Base Concrete(Eastern Side)	M25	14/11/2021	12/12/2021	150.33 X 150.47 X 151.12	22620	8.172	619.8	27.4	
Retaining Wall Base Concrete(Eastern Side)	M25	14/11/2021	12/12/2021	149.87 X 150.66 X 150.78	22579	8.141	625.4	27.7	

esults obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

FOR CIVIL Pro.

CIVIL PRO Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL| ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-12-23-22 Date: 19/12/2021

lame : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

: Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

r's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

Receipt : 19-11-21

r ID : Retaining Wall Base Concrete(Eastern Side)

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 15/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Base Concrete(Eastern Side)	M25	17/11/2021	15/12/2021	149.85 X 151.02 X 150.66	22630	8.155	635.9	28.1	28.1
Retaining Wall Base Concrete(Eastern Side)	M25	17/11/2021	15/12/2021	151.47 X 150.23 X 150.89	22755	8.169	628.0	27.6	
Retaining Wall Base Concrete(Eastern Side)	M25	17/11/2021	15/12/2021	150.80 X 151.22 X 149.85	22804	8.201	649.9	28.5	

esults obtained are satisfactory as per standard requirements.

"ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

FOR CIVIL Pro.

CIVIL Pro Sig Date BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-12-23-22 Date: 17/12/2021

ame : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

: Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, IIIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

r's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

Receipt : 19-11-21

r ID : Retaining Wall Base Concrete(Eastern Side)

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 15/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Base Concrete(Eastern Side)	M25	17/11/2021	15/12/2021	151.43 X 150.41 X 150.87	22777	8.176	633.2	27.8	27.8
Retaining Wall Base Concrete(Eastern Side)	M25	17/11/2021	15/12/2021	151.66 X 150.26 X 150.42	22788	8.114	622.1	27.3	
Retaining Wall Base Concrete(Eastern Side)	M25	17/11/2021	15/12/2021	150.26 X 150.18 X 150.27	22566	8.154	636.4	28.2	

results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-10೯

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-12-23-22 **Date: 18/12/2021**

ame : Construction of Compound wall and other allied works at judicial layout play ground in Ward No 04

: Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

r's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

Receipt : 22-11-21

er ID : Retaining Wall Concrete(Eastern Side)

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

f test : 18/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	150.46 X 149.28 X 151.89	22461	8.316	604.2	26.9	27.4
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	151.36 X 151.69 X 151.91	22960	8.593	638.3	27.8	
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	150.60 X 149.66 X 149.61	22538	8.390	619.8	27.5	

e results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

ID	:	CP-2021-12-23-22
ct Name	:	Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04
ess	:	Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064
ner's Reference	:	BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22
Receipt	:	22-11-21
ner ID	:	Retaining Wall Concrete(Eastern Side)
e Type /Size	:	150X150X150 mm
e grade/Age	:	M25 / 28 Days Compressive Strength
ence to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl 5
of test	:	18/12/2021

Date: 18/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	151.17 X 150.81 X 151.19	22797	8.464	622.4	27.3	28.2
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	150.52 X 151.48 X 149.15	22802	8.351	652.1	28.6	
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	151.38 X 150.19 X 151.76	22736	8.488	652.5	28.7	

esults obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-೧೦೯

04

FOR CIVIL Pro.

CIVIL Pro Sig ..... Date ..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL| ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

CIVIL PRO
AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No. CP/TF/01

: CP-2021-12-23-22

Name : Construction of Compound wall and other allied works at judicial layout play ground in Ward No.04

Date: 18/12/2021

: Sri.B.B.Umesha M/s SMLP Asphalts, No.1265, Ground Floor, HIG, B sector, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064

's Reference : BBMP/EE/YNK.D/EPMT-8/W.O/40/2021-22

Receipt : 22-11-21

rID : Retaining Wall Concrete(Eastern Side)

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

est : 18/12/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	150.83 X 151.79 X 151.29	22896	8.515	647.9	28.3	28.1
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	150.18 X 151.97 X 151.49	22822	8.259	636.7	27.9	
Retaining Wall Concrete(Eastern Side)	M25	20/11/2021	18/12/2021	150.93 X 149.05 X 149.01	22497	8.407	632.2	28.1	

ults obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

64

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****